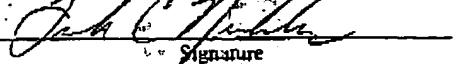


44k  
Brett (R.B.)

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FRANK C. NICHOLAS (33 983)  
Name of applicant, assignee or registered representative  
  
Signature  
July 14, 2003  
Date of Signature

PATENT  
Case No. PHN 14,491  
(7790/163)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re patent application of: )  
RENAME M. SOMBROEK ) Examiner: BRIER, JEFFREY  
Serial No.: 08/704,400 )  
Filed: AUGUST 27, 1996 ) Group Art Unit: 2672  
Title: A SYSTEM FOR SPEED ADAPATIVE )  
POSITIONING ON A CURSOR )

**RESPONSE TO A FINAL OFFICE ACTION DATED MAY 20, 2003**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to a Non-Final Office Action dated May 20, 2003, please amend the above-identified application as follows:

**OFFICIAL**  
**CARDINAL LAW GROUP**

1603 Orrington Avenue/Suite 2000  
Evanston, Illinois 60201  
Telephone 847 - 905 - 7111  
Facsimile 847 - 905 - 7113

**CONFIDENTIAL ATTORNEY-CLIENT  
PRIVILEGED COMMUNICATION**

Date: JULY 14, 2003

To: EXAMINER JEFFREY BRIER  
U.S. PATENT AND TRADEMARK OFFICE  
Fax #: (703) 872 - 9315

From: FRANK C. NICHOLAS, ESQ.  
Fax #: (847) 905-7111

Client/Matter No.: 08/704,400 (7790/163) PHN 14,491

# of Pages: 11  
(including cover sheet)

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PTO-902 (10-01) Approved by the U.S. Congress May 20, 2000. GPO: 2001 OMB Doc ID:0031. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE  
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# TRANSMITTAL FORM

(To be used for all correspondence after initial filing)

|                      |                       |
|----------------------|-----------------------|
| Attorney Docket No   | PHN 14,481 (7790/163) |
| Application Number   | 08/704,400            |
| Filing Date          | AUGUST 27, 1996       |
| First Named Inventor | RENATE M. SOMBROEK    |
| Group Art Unit       | 2672                  |
| Examiner             | BRIER, JEFFREY A.     |

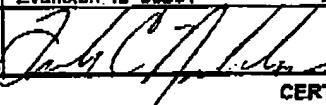
## ENCLOSURES (check all that apply)

|   |   |  |
|---|---|--|
| <input checked="" type="checkbox"/> Response to a Final Office Action<br>Dated May 20, 2003   | <input type="checkbox"/> Assignment Papers<br>(for an Application)                      | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences        |
| <input checked="" type="checkbox"/> After Final   | <input type="checkbox"/> Drawings   | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> Affidavits/declaration(s)  | <input type="checkbox"/> After Allowance Communication to Group                         | <input type="checkbox"/> Proprietary Information   |
| <input type="checkbox"/> Status Letter  | <input type="checkbox"/> Petition Rounding Slip (PTO/SB/69) and Accompanying Petition   | <input type="checkbox"/> Post Card Receipt   |
| <input type="checkbox"/> Petition for Extension of Time Request (duplic)  | <input type="checkbox"/> To Convert a Provisional Application                           | <input type="checkbox"/> Additional Enclosure(s)<br>(please identify below).               |
| <input type="checkbox"/> Express Abandonment Request  | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Request for Continued Examination (RCE) Transmittal               |
| <input type="checkbox"/> Information Disclosure Statement, PTO-1449, art  | <input type="checkbox"/> Terminal Disclaimer  | <input type="checkbox"/>   |
| <input type="checkbox"/> Certified Copy of Priority Document(s)   | <input type="checkbox"/> Small Entity Statement   | <input type="checkbox"/>   |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application  | <input type="checkbox"/> Request of Refund  | <input type="checkbox"/>   |
| <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No 50-1713. A duplicate copy of this sheet is enclosed. |   |  |

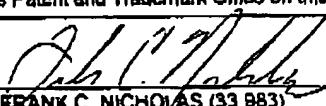
## CALCULATION OF FEE

| Small Entity                              |       |                                |               |        | Large Entity |                 |           |
|---|-------|--------------------------------|---------------|--------|--------------|-----------------|-----------|
| Claims After Amendment                    |       | Highest No Previously Paid For | Present Extra | Rate   | Add'l Fee    | Rate            | Add'l Fee |
| Total                                     | Minus |                                | 0             | x \$0= | 0            | x \$18=         |           |
| Indep                                     | Minus |                                | 0             | x \$42 | 0            | x \$84          |           |
| First Presentation of Multiple Dep. Claim |       |                                |               |        | + \$140      | ---             | + \$280=  |
| Total add'l fee                           |       |                                |               |        | \$ 0         | total add'l fee |           |

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

|                         |   |
|-------------------------|---|
| Firm or Individual name | FRANK C. NICHOLAS<br>Registration No. 33,983<br>CARDINAL LAW GROUP<br>1603 Orrington Avenue, Suite 2000<br>Evanston, IL 60201 |
| Signature               |    |
| Date                    | July 14, 2003   |

## CERTIFICATE OF MAILING

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